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TITLE: PRIORITIZED RULE BASED METHOD AND APPARATUS FOR DIAGNOSIS
AND TREATMENT OF ARRHYTHMIAS
APPLICANT: Walter H. Olson et al. SERIAL NO: 10/810,116
DOCKET NO: P-2988.14 SHEET 1 of 9

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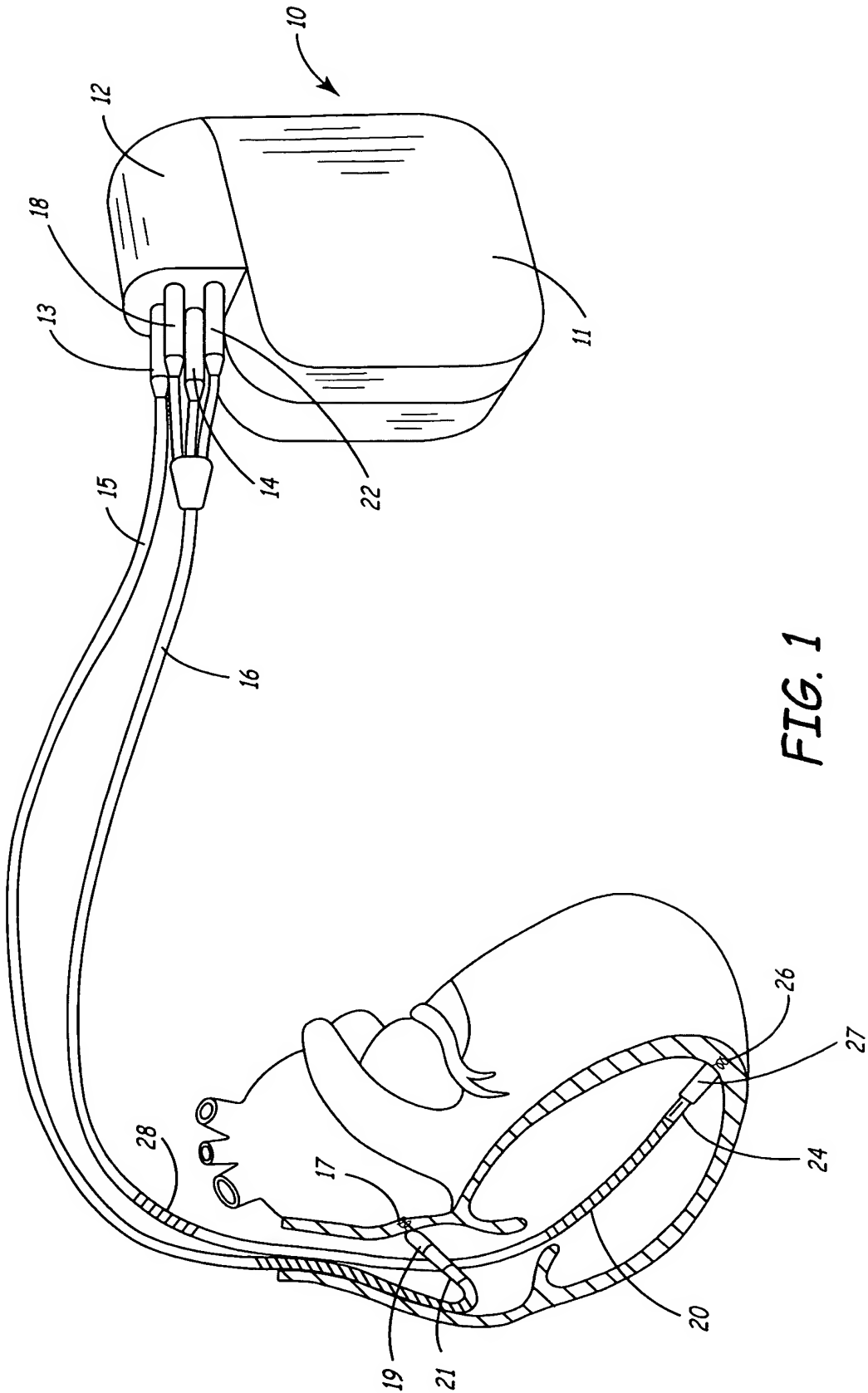
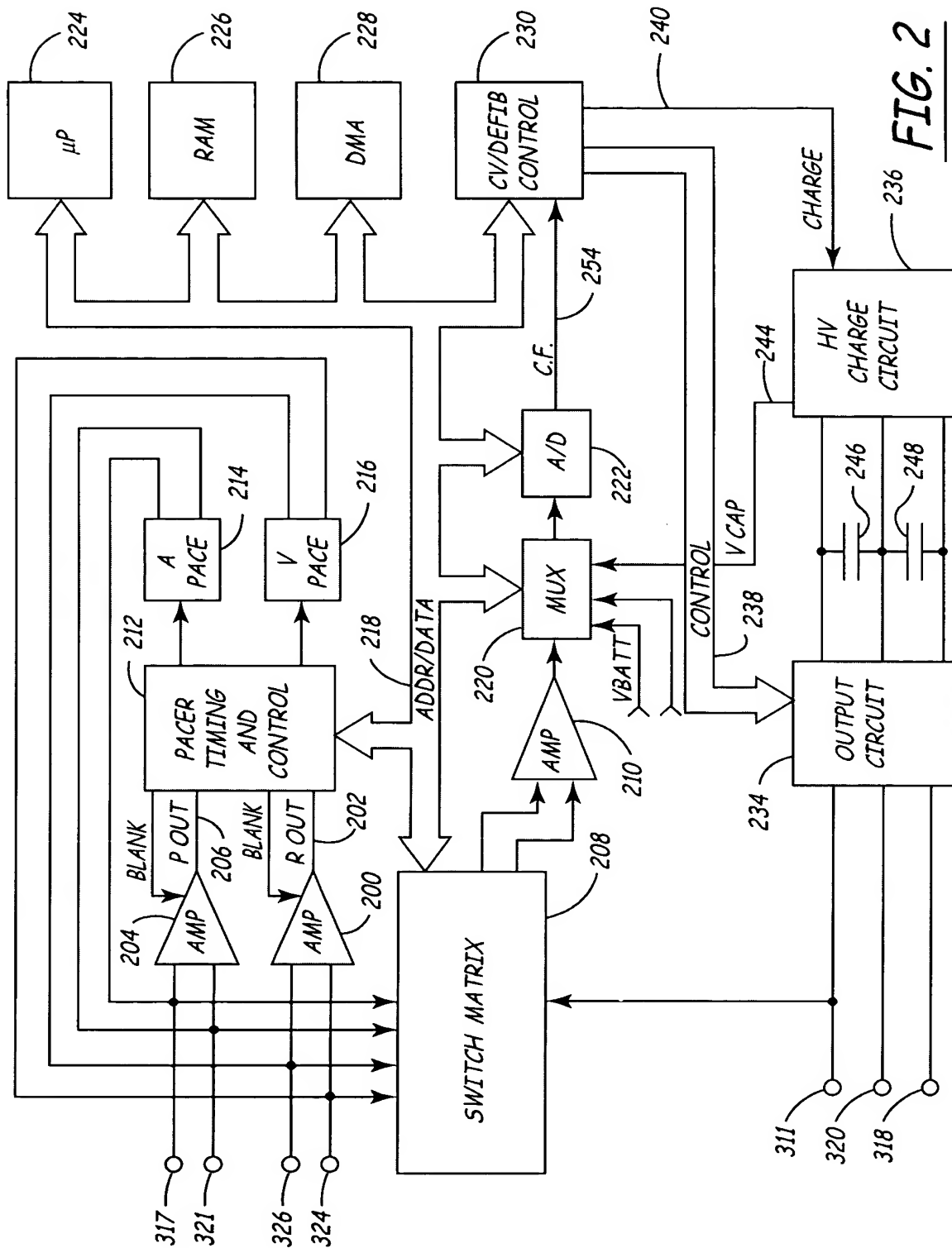


FIG. 1

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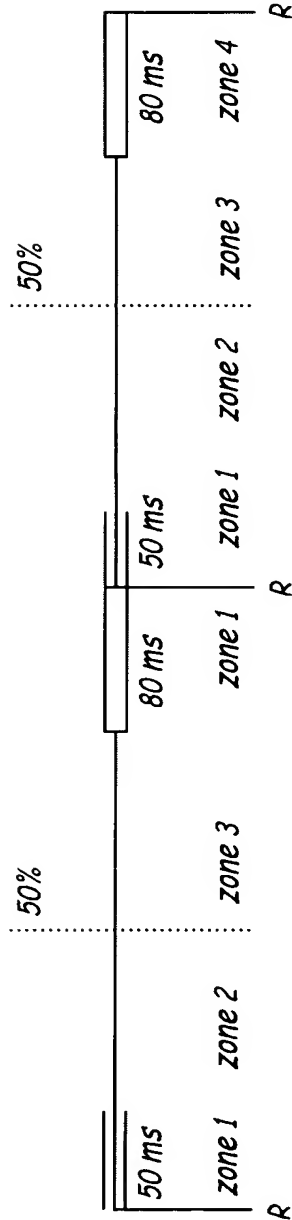


FIG. 3

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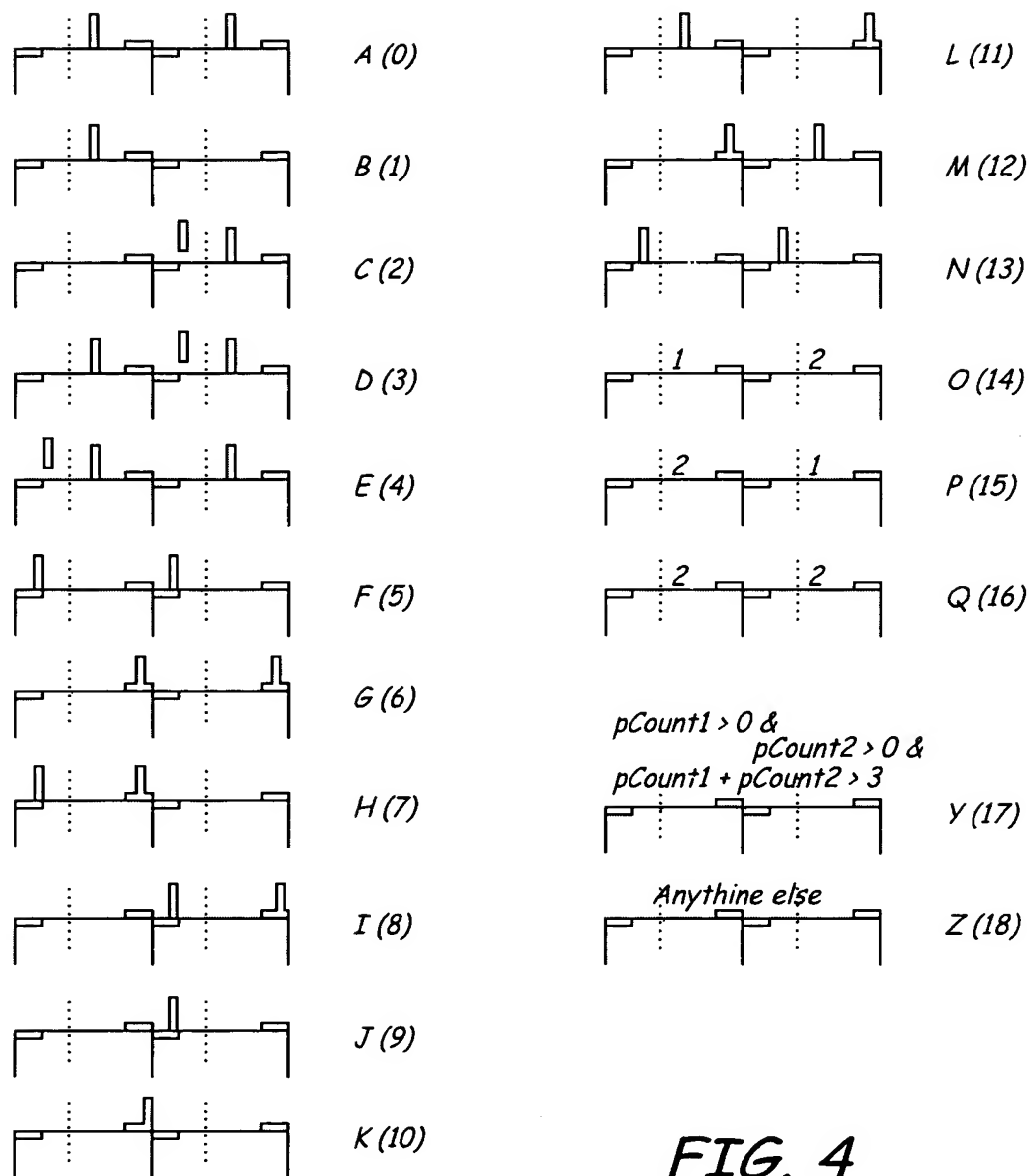


FIG. 4

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PRIOR R EVENT BEAT CODE:	CURRENT R EVENT BEAT CODE:									
	0	1	2	3	4	5	6	7	8	9
0	0 [A]	18 [Z]	11 [L]	18 [Z]	14 [O]	14 [O]	14 [O]	1 [B]	17 [Y]	3 [D]
1	18 [Z]	5 [F]	18 [Z]	18 [Z]	14 [O]	14 [O]	14 [O]	18 [Z]	17 [Y]	14 [O]
2	12 [M]	18 [Z]	5 [G]	18 [Z]	14 [O]	14 [O]	14 [O]	10 [K]	17 [Y]	14 [O]
3	18 [Z]	18 [Z]	18 [Z]	13 [N]	14 [O]	14 [O]	14 [O]	18 [Z]	17 [Y]	14 [O]
4	15 [P]	15 [P]	15 [P]	15 [P]	16 [Q]	16 [Q]	16 [Q]	18 [Z]	17 [Y]	16 [Q]
5	15 [P]	15 [P]	15 [P]	15 [P]	16 [Q]	16 [Q]	16 [Q]	7 [H]	17 [Y]	16 [Q]
6	15 [P]	15 [P]	15 [P]	15 [P]	16 [Q]	16 [Q]	16 [Q]	18 [Z]	17 [Y]	16 [Q]
7	18 [Z]	9 [J]	18 [Z]	18 [Z]	2 [C]	8 [I]	18 [Z]	18 [Z]	18 [Z]	2 [C]
8	17 [Y]	17 [Y]	17 [Y]	17 [Y]	17 [Y]	17 [Y]	17 [Y]	18 [Z]	17 [Y]	17 [Y]
9	4 [E]	15 [P]	15 [P]	15 [P]	16 [Q]	16 [Q]	16 [Q]	18 [Z]	17 [Y]	16 [Q]

FIG. 5

PATTERN CODE:	CURRENT STATE									
	0 [RESET]	19 [A]	38 [B]	57 [C]	76 [E]	95 [A1]	114 [A2]	133 [L]	152 [M]	171 [Z]
[A] 0	19	19	0	0	114	114	19	0	95	95
[B] 1	38	38	0	0	0	0	0	0	0	0
[C] 2	57	0	57	0	0	0	0	0	0	0
[D] 3	57	57	0	0	0	0	0	0	0	0
[E] 4	76	0	0	76	0	0	0	0	0	0
[F] 5	0	0	0	0	0	0	0	0	0	0
[G] 6	0	0	0	0	0	0	0	0	0	0
[H] 7	0	0	0	0	0	0	0	0	0	0
[I] 8	0	0	0	0	0	0	0	0	0	0
[J] 9	0	0	0	0	0	0	0	0	0	0
[K] 10	0	0	0	0	0	0	0	0	0	0
[L] 11	133	133	0	0	0	0	0	0	0	0
[M] 12	152	0	0	0	0	0	0	152	0	0
[N] 13	0	0	0	0	0	0	0	0	0	0
[O] 14	0	0	0	0	0	0	0	0	0	0
[P] 15	0	0	0	0	0	0	0	0	0	0
[Q] 16	0	0	0	0	0	0	0	0	0	0
[Y] 17	0	0	0	0	0	0	0	0	0	0
[Z] 18	171	0	171	0	0	0	0	0	0	0

FIG. 6

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PATTERN CODE:	CURRENT STATE											
	[RESET] 0	[O] 19	[P1] 38	[P2] 57	[Q] 76	[L] 95	[M] 114	[A] 133	[N1] 152	[N2] 171	[Z1] 190	[Z2] 209
[A] 0	133	0	133	0	0	0	0	0	0	0	0	0
[B] 1	0	0	0	0	0	0	0	0	0	0	0	0
[C] 2	0	0	0	0	0	0	0	0	0	0	0	0
[D] 3	0	0	0	0	0	0	0	0	0	0	0	0
[E] 4	0	0	0	0	0	0	0	0	0	0	0	0
[F] 5	0	0	0	0	0	0	0	0	0	0	0	0
[G] 6	0	0	0	0	0	0	0	0	0	0	0	0
[H] 7	0	0	0	0	0	0	0	0	0	0	0	0
[I] 8	0	0	0	0	0	0	0	0	0	0	0	0
[J] 9	0	0	0	0	0	0	0	0	0	0	0	0
[K] 10	0	0	0	0	0	0	0	0	0	0	0	0
[L] 11	95	0	0	95	0	0	0	0	0	0	0	0
[M] 12	114	0	0	0	0	114	0	0	0	0	0	0
[N] 13	152	0	152	171	0	0	0	171	171	0	171	0
[O] 14	19	0	19	19	0	0	19	19	19	19	19	19
[P] 15	38	38	0	0	57	0	0	0	0	0	0	0
[Q] 16	76	76	0	0	0	0	0	0	0	0	0	0
[Y] 17	0	0	0	0	0	0	0	0	0	0	0	0
[Z] 18	190	0	190	209	0	0	0	209	209	0	209	0

FIG. 7

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PATTERN CODE:	CURRENT STATE									
	[RESET] 0	[Y] 19	[OQD] 38	[P] 57	[N1] 76	[N2] 95	[y] 114	[G1] 133	[G2] 152	[G3] 171
[A] 0	114	0	0	114	0	0	0	0	0	0
[B] 1	0	0	0	0	0	0	0	0	0	0
[C] 2	0	0	0	0	0	0	0	0	0	0
[D] 3	38	0	0	38	0	0	0	0	0	0
[E] 4	0	0	0	0	0	0	0	0	0	0
[F] 5	114	0	0	114	0	0	0	0	0	0
[G] 6	133	133	133	133	0	0	0	152	171	0
[H] 7	0	0	0	0	0	0	0	0	0	0
[I] 8	0	0	0	0	0	0	0	0	0	0
[J] 9	0	0	0	0	0	0	0	0	0	0
[K] 10	0	0	0	0	0	0	0	0	0	0
[L] 11	114	0	0	114	0	0	0	0	0	0
[M] 12	114	0	0	114	0	0	0	0	0	0
[N] 13	76	76	76	76	95	0	0	76	76	76
[O] 14	38	38	0	38	38	0	38	38	0	0
[P] 15	57	57	57	0	0	0	0	57	57	57
[Q] 16	38	38	38	0	0	0	0	38	38	38
[Y] 17	19	19	19	19	19	19	0	19	19	19
[Z] 18	0	0	0	0	0	0	0	0	0	0

FIG. 8

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PATTERN CODE:	CURRENT STATE						
	[RESET] 0	[FG] 19	[O] 38	[H1] 57	[H2] 76	[J] 95	[N] 114
[A] 0	0	0	0	0	0	0	0
[B] 1	0	0	0	0	0	0	0
[C] 2	0	0	0	0	0	0	0
[D] 3	0	0	0	0	0	0	0
[E] 4	0	0	0	0	0	0	0
[F] 5	19	19	0	0	0	19	0
[G] 6	19	19	0	0	0	19	0
[H] 7	57	0	57	0	0	0	76
[I] 8	114	0	0	114	0	0	0
[J] 9	95	0	0	95	95	0	0
[K] 10	0	0	0	0	0	0	0
[L] 11	0	0	0	0	0	0	0
[M] 12	0	0	0	0	0	0	0
[N] 13	0	0	0	0	0	0	0
[O] 14	38	38	0	0	0	0	0
[P] 15	0	0	0	0	0	0	0
[Q] 16	0	0	0	0	0	0	0
[Y] 17	0	0	0	0	0	0	0
[Z] 18	0	0	0	0	0	0	0

FIG. 10

PATTERN CODE:	CURRENT STATE	
	[RESET] 0	[OY] 19
[A] 0	0	0
[B] 1	0	0
[C] 2	0	0
[D] 3	0	0
[E] 4	0	0
[F] 5	0	0
[G] 6	0	0
[H] 7	0	0
[I] 8	0	0
[J] 9	0	0
[K] 10	0	0
[L] 11	0	0
[M] 12	0	0
[N] 13	0	0
[O] 14	0	0
[P] 15	0	0
[Q] 16	19	19
[Y] 17	19	19
[Z] 18	0	0

FIG. 9

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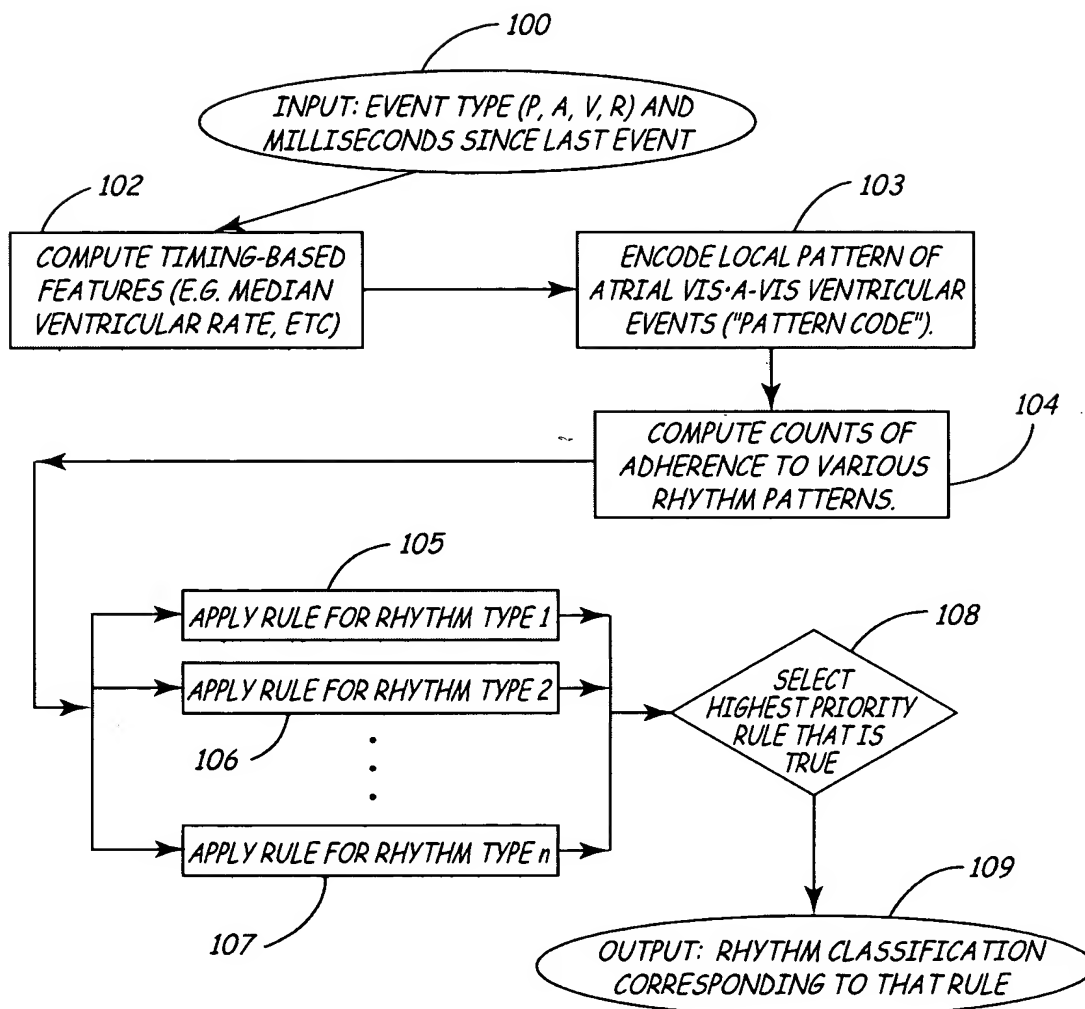


FIG. 11